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PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) 			Complete if Known		
			Application Number	09/759,287	
			Filing Date	January 11, 2001	
			Confirmation Number	9782	
			First Named Inventor	Raul G. Barletta et al.	
			Group Art Unit	1645	
			Examiner Name		
Sheet	1	of	6	Attorney Docket No.	UNL 2999.1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
ME	1	4,341,761		Ganfield et al.	07-27-1982
ME	2	4,399,121		Albarella et al.	08-16-1983
ME	3	4,427,783		Newman et al.	01-24-1984
ME	4	4,444,887		Hoffmann	04-24-1984
ME	5	4,466,917		Nussenzweig et al.	08-21-1984
ME	6	4,472,500		Milstein et al.	09-18-1984
ME	7	4,491,632		Wands et al.	01-01-1985
ME	8	4,493,890		Morris	01-15-1985
ME	9	4,683,195		Mullis et al.	07-28-1987
ME	10	4,683,202		Mullis	07-28-1987
ME	11	4,800,159		Mullis et al.	01-24-1989
ME	12	4,965,188		Mullis et al.	10-23-1990
ME	13	5,783,386		Jacobs, Jr. et al.	07-21-1998
ME	14	6,095,549		Pellicic et al.	08-01-2000

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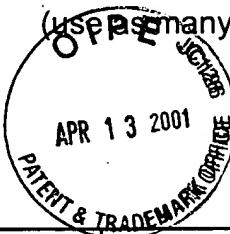
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
ML	15	BALASUBRAMANIAN et al., Allelic Exchange in <i>Mycobacterium tuberculosis</i> with Long Linear Recombination Substrates, <i>J. Bacter.</i> , Jan. 1996, pp. 273-79, Vol. 178, No. 1, Amer. Soc. Microb., USA	
ML	16	BARDAROV et al., Conditionally replicating mycobacteriophages: A system for transposon delivery to <i>Mycobacterium tuberculosis</i> , <i>Proc. Natl. Acad. Sci.</i> , Sep. 1997, pp. 10961-66, Vol. 94, Natl. Acad. Sci., USA	
ML	17	BEAUCAGE et al., Deoxynucleoside Phosphoramidites-A New Class Of Key Intermediates For Deoxypolynucleotide Synthesis, <i>Tet. Let.</i> , 1981, pp. 1859-62, Vol. 22, No. 20	
ML	18	BERMUDEZ et al., Isolation of two subpopulations of <i>Mycobacterium avium</i> within human microphages, <i>FEMS Micro. Let.</i> , 1999, p. 19-26, Vol. 178, Elsevier Sciences	
ML	19	CÁCERES et al., Overexpression of the D-Alanine Racemase Gene Confers Resistance to D-Cycloserine in <i>Mycobacterium smegmatis</i> , <i>J. Bacter.</i> , Aug. 1997, pp. 5046-55, Vol. 179, No. 16, Amer. Soc. Micro., USA	
ML	20	CAMPHAUSEN et al., A glycolipid antigen specific to <i>Mycobacterium paratuberculosis</i> : Structure and antigenicity, <i>Proc. Natl. Acad. Sci.</i> , May 1985, pp. 3068-72, Vol. 82	
ML	21	CAVAIGNAC et al., Construction and screening of <i>Mycobacterium paratuberculosis</i> insertional mutant libraries, <i>Arch. Microbiol.</i> , 2000, pp. 229-31, Vol. 173	
ML	22	CIRILLO et al., A Novel Transposon Trap for Mycobacteria: Isolation and Characterization of IS1096, <i>J. Bacter.</i> , Dec. 1991, pp. 7772-80, Vol. 173, Amer. Soc. Microb., USA	
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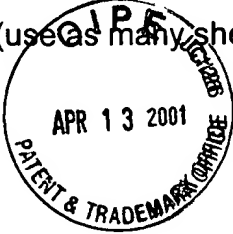
<i>only</i>	24	COCITO et al., Paratuberculosis, <i>Clin. Microb. Reviews</i> , Jul. 1994, pp. 328-45, Vol. 7, No. 3, Amer. Soc. Microb., USA	
<i>only</i>	25	COLLINS, Paratuberculosis diagnostics: We created the tests, now how do we use them?, <i>Proc. Fifth Intl. Colloq. Paratuberculosis</i> , Chiodini et al., eds., Intl. Assoc. for Paratuberculosis, 1997, pp. 232-41	
<i>only</i>	26	COLLINS et al., Herd prevalence and geographic distribution of, and risk factors for, bovine paratuberculosis in Wisconsin, <i>J. Amer. Vet. Med. Assoc.</i> , Feb. 1994, pp. 636-41, Vol. 204, No. 4	
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<i>only</i>	33	GUNNARSSON et al., Analysis of Antigens in Mycobacterium Paratuberculosis, <i>Acta. Vet. Scand.</i> , 1979, pp. 201-15, Vol. 20	
<i>only</i>	34	HAMILTON et al., <i>Mycobacterium paratuberculosis</i> Monoassociated Nude Mice as a Paratuberculosis Model, <i>Vet. Pathol.</i> , 1991, pp. 146-55, No. 28	

Examiner Signature	<i>RPSwamy</i>	Date Considered	4-10-02
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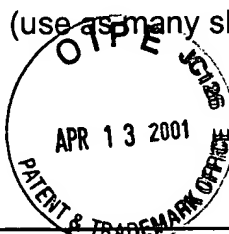
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OK	39	LANDEGREN et al., A Ligase-Mediated Gene Detection Technique, <i>Science</i> , Aug. 1988, pp. 1077-80, Vol. 241	
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ONE	46	ST-JEAN et al., Treatment of Mycobacterium Paratuberculosis Infection in Ruminants, <i>Vet. Clin. N. Am. Food Anim. Prac.</i> , Nov. 1991, pp. 793-805, Vol. 7, No. 3	
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